

Coalition C4 Interoperability

Purpose: Initially, this initiative will provide a migration path to allow UK BOWMAN radios to interoperate with current and future USMC communications systems at the tactical voice level. Future years will explore data interoperability and involve additional NATO allies.

Background: After a trip to the UK, it was determined that both the US and UK could capitalize on the individual strengths of C4 systems to help the combined US/UK team establish a single method of command and control. Starting with current radio technologies, the possibility of combined experimentation will also be explored.

Description: The objective of this initiative is to provide a new avenue of C4 coalition interoperability; concurrent with parallel advancements in Distributed Operations/Small Unit Enhancement. Additionally, the project seeks to provide a migration path to allow UK BOWMAN radios to interoperate with current and future USMC communications systems at the voice and data level. The intent is to develop an initial test plan, followed by a field-based experimental test for voice compatibility. In FY07, the focus will be broadened to include data interoperability and include additional allies (CAN, AUS, NZ and others). Technological development will be made in conjunction with MCSC MOA to provide corresponding transition plan(s).



Deliverable Products: Utilizing existing tactical equipment, COTS technology, and new solutions; provide a path towards voice and data interoperability for allied partners. FY06 will focus on United States/United Kingdom tactical voice interoperability via SINCGARS, BOWMAN and PRR/IISR. FY07 and FY08 will include data interoperability and additional allies.

Milestones:

TASK	FY06	FY07	FY08
US/UK Initial Interoperability Experiment	▲		
US/UK Voice Radio LTA	▲		
Interoperability Engineering	▲	▲	
US/UK Data Exchange		▲	
Coalition Testing & Evaluation, LTA		▲	▲

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